RP-WPL200

Powerline 200M Wireless-N AP

It is a Powerline 200 Mbps Wireless Ethernet adapter which is designed for transforming office/family users' power circuit into networking infrastructure and extending the Wireless Capability in its environment.
The device offers capability of 802.11N/g/b wireless standards and supports the data rates up to 300Mbps ; it can make up for the disadvantage of Powerline. The integrated QoS featured in the device to and makes it an ideal access tool to deliver high-quality digital video streams, high-speed Internet access, and voice services. With the feature of 128-bit Data Encryption Security AES, the device provides secure network connection for Internet access and network resource sharing, and ensures users' network communications is safe from hackers.

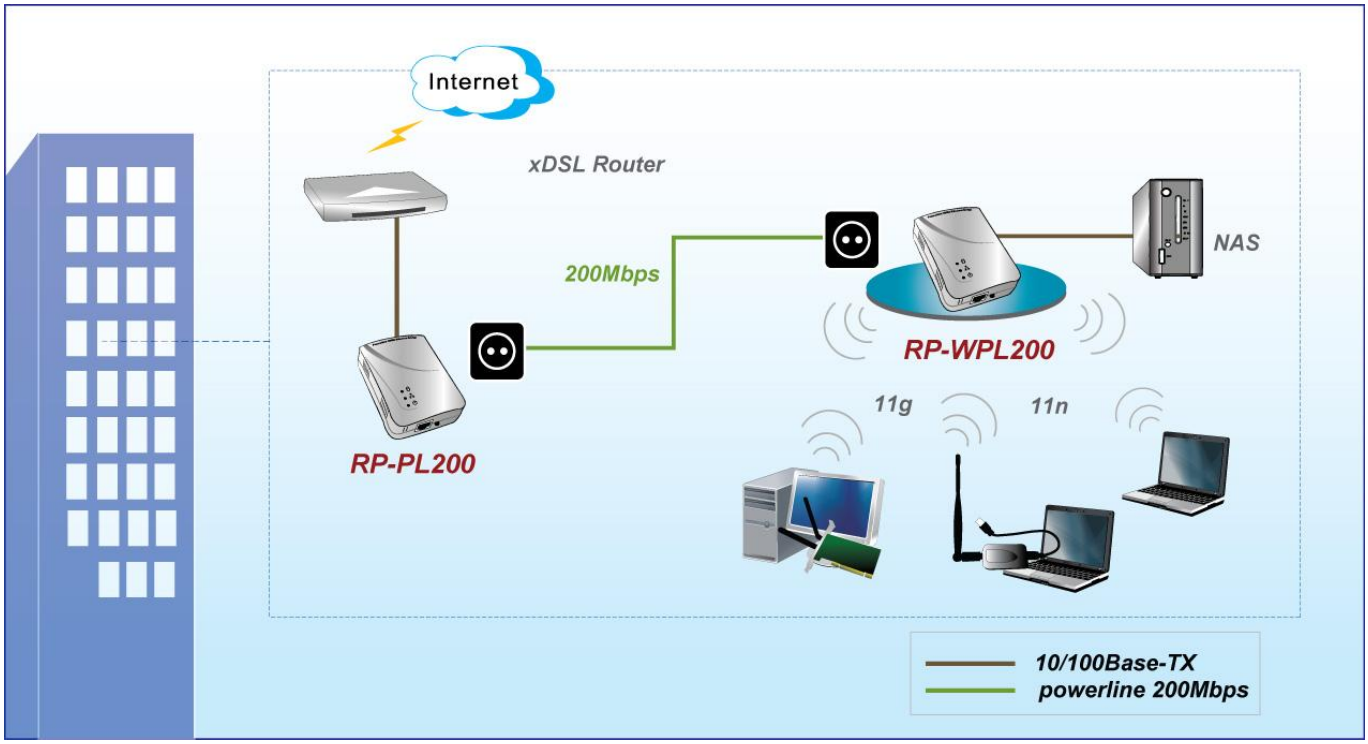
Feature

- Integrated with wireless and powerline networks make the connection more convenient
- Supports data rates up to 300Mbps for wireless 11n networks
- Supports wireless operating mode as AP, WDS mode
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security
- Supports operation mode in Infrastructure function
- No need new wires and use at any power socket with up to ranges of 200 meters
- Provide 128-bit AES Link Encryption with key management for secure Powerline communications
- Supports up to 200Mbps data rates for powerline networking
- Integrated Enhanced Quality of Service (QoS) features: eight levels of prioritized random access, contention free access, and segment bursting
- Allow user to connect PCs and other devices conveniently via any power outlet at home
- Co-exists with Powerline 14M and Powerline 85M

Specification

Standards	• HomePlug AV Specification • CSMA/CA MAC Control • IEEE 802.3, 802.3u 10/100M Ethernet standard • IEEE 802.11b/g, 802.11n Wireless standard
Interface	• 1* RJ-45 for Ethernet, 10/100M • 2* Internal High Performance Antenna • 1* Secure button and 1* Reset/WPS button • 1* Power socket
Wireless Features	• Support IEEE 802.11b/g, 802.11n draft 2.0 Standard • Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x • Transmit Power: 15dBm ± 2dBm
Modulation Types Supported	• OFDM: BPSK, QPSK, 16QAM, 64QAM • DSSS: DBPSK, DQPSK, CCK (11b)
Data Rates	• IEEE 802.11b: 1, 2, 5.5 and 11Mbps • IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps • IEEE 802.11n: up to 300Mbps
Management Features	• Firmware upgrade via HTTP • WLAN and LAN side connection statistics • Password protected access
Security Features	• Password protected configuration access
Ethernet Features	• Compliant with IEEE 802.3 and 802.3u 10/100 Mbps • Support auto-crossover (MDI/MDI-X)
Frequency Band	• 2 - 28Mhz (Powerline)
Powerline Features	• Data transfers at up to 200 Mbps over the household power circuit • Ranges of 200 meters • No need new wires for Home networking • High-speed Internet and DVD-quality video streaming • Easy to install • Throughout the whole house, just use your power circuit to access the Internet or PC network • Orthogonal Frequency Division Multiplexing for high data reliability in noisy media conditions • 128 bits AES Link encryption
HTTP Web-Based Management	• Firmware upgrade by HTTP • Customizable Web pages • WLAN and LAN side connection statistics • Password protected access
Power supply	• Integrated 100V - 230V Switching Power
Environment	• Operating temperature : 0°C to 40°C • Operating Humidity:10% to 90% (Non-Condensing)
Dimension	• 250 * 117 * 37mm
Certification	• FCC, CE

Application



Ordering information

RP-WPL200 Powerline 200M Wireless-N AP

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